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Complete if Known Substitute for form 1449/PTO 10/666,318 Application Number September 18, 2003 Filing Date INFORMATION DISCLOSURE Roger W. Phillips, et al. First Named Inventor STATEMENT BY APPLICANT Art Unit Unknown (Use as many sheets as necessary) Examiner Name Unknown 48930-01030 Attorney Docket Number of

xaminer nitials*	Cite No.	Include name of the author (in CAPITAL LETTERS), little of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	
LB.	64	John M. McKiernan, et al., "Luminescence and Laser Action of Coumarin Dyes Doped in Silicate and Aluminosilicate Glasses Prepared by the Sol-Gel Technique," Journal of Inorganic and Organometallic Polymers, Vol. 1, No. 1, 1991, pages 87-103.	し
	65	Jeffery I. Zink, et al., "Optical Probes and Properties of Aluminosilicate Glasses Prepared By The Sol-Gel Method," Polym. Mater. Sci. Eng., pages 204-208 (1989).	
	66	Don W. Tomkins, Kurz Hastings, "Transparent Overlays for Security Printing and Plastic ID Cards," Pages 1-8, November, 1997.	
	67	The Mearl Corporation brochure for "Mearl Iridescent Film," Peekskill, NY.	•
	68	J.A. Dobrowolski; K.M. Baird; P.D. Carman; and A. Waldorf, "Optical Interference Coatings for Inhibiting of Counterfeiting," Optica Acta, 1973, Vol. 20, No. 12, 925-937.	
7	69	The R.D. Mathis Company Manual for "Thin Film Evaporation Source Reference," Long Beach, CA.	
	70	Minolta Manual for "Precise Color Communication, Color Control From Feeling to Instrumentation," Pages 18, 20, 22, 23, 46, 47, 48 and 49.	
		Frans Defilet, LGZ Landis & Gyr Zug Corporation, "Kinegrams 'Optical Variable Devices' (OVD's) For Banknotes, Security Documents and Plastic Cards," San Diego, April 1-3, 1987	
	72	S.P. McGrew, "Hologram Counterfeiting: Problems and Solutions," SPIE, Volume 1210 Optical Security and Anticounterfeiting Systems, 1990, Pages 66-76.	
		Rudolf L. van Renesse, "Security Design of Valuable Documents and Products," SPIE, Vol. 2659, June 1996, Pages 10-20.	
	74	Steve McGrew, "Countermeasures Against Hologram Counterfeiting," Internet site www.iea.com/nli/publications/countermeasures.htm, January 6, 2000.	
	75.	Roger W. Phillips, "Optically Variable Films, Pigments, and Inks," SPIE Vol. 1323, Optical Thin Films III: New Developments, 1990, Pages 98-109.	
1	76	Roger W. Phillips, and Anton F. Bleikolm, "Optical Coatings for Document Security," Applied Optics, Vol. 35, No. 28, October 1, 1996, Pages 5529-5534.	

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iniuais	77	J.A. Dobrowolski; F.C. Ho; and A. Waldorf, 'Research on Thin Film	
10	<i>' '</i>	· · · · · · · · · · · · · · · · · · ·	
$ \Lambda\rangle$		Anticounterfeiting Coatings at the National Research Council of Canada," Applied	1
10		Optics, Vol. 28, No. 15, July 15, 1989, pages 2702-2717.	
ノス	78	J. Rolfe, "Optically Variable Devices for Use on Bank Notes, "SPIE, Vol. 1210	C
<u>''</u>		Optical Security and Anticounterfeiting Systems, pages 14-19, 1990.	
//	79	OVD Kinegram Cor, "OVD Kinegram Management of Light to Provide Security,"	
$\langle \gamma \rangle$		Internet site www.kiknegram.com/xhome/home.html, December 17, 1999.	· .
1/1	80	I.M. Boswarva, et al., "Roll Coater System for the Production of Optically	
ムメ		Variable Devices (OVD's) for Security Applications," Proceedings, 33rd Annual	•
4)		Technical Conference, Society of Vacuum Coaters, pages 103-109 (1990).	
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